

Air - TO 17

1. Sample ID:		10. Collector's Phone No:	
2. Country:		11. Collector's Email:	
3. Location:		12. Percent of personnel exposed (select one):	
4. Site:		0 / < 10% / 10 < 25% / 25 < 50% / 50 < 75% / > 75%	
5. Operation:		13. Exposure Duration (select one):	
6. Sample Date (mm/dd/yy):		< 1 week / < 2 weeks / < 1 year / > 1 year	
7. Sample Time:		14. Exposure Notes:	
8. Collecting Unit:			
9. Collector's Name:			
15. Calibrator ID:		17. Pump ID:	
16. Calibration Date:		18. Flow Rate Pre: cc/min	
19. Calibration Notes:			
Pre / Start Sampling Period		20. Notes (Field notes, industries, weather conditions, etc):	
		21. Tube ID :	23. VOC Type: S / FB / TB (Select One)
		22. Field Blank Tube ID	24. Rain?: Yes / No (Select One)
25. Geolocation:		26. Sampling Site Graphic:	
<i>Note: Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil along with Sample ID</i>			
25a. Latitude:	25c. Datum:		
25b. Longitude:			
25d. MGRS:			
18S	UU		
27. Is industry around sampling location?: (Select One) Yes / No / Not Known		28. If industry is present is it active?: (Select One) Yes / No / Not Known	
Post / End Sampling Period		29. Notes (Field notes, industries, weather conditions, etc):	
30. Date:	32. Post Flow Rate: cc/min		34. Invalid Sample?: (see footnote)
31. Time:	33. Sample Time: min		

AIR – TO17 SAMPLING FIELD DATA SHEET INSTRUCTIONS

1. **Sample ID** - Sample ID number CCC_LLLLLL_TO17_YYDDD (Sample ID should also be recorded on the sample label.)
Where: CCC – Country 3 letter abbreviation code
LLLLLL - Camp abbreviation (i.e. first six letters of camp name)
YYDDD - jday code, last two digits of the year & three digit julian day of the year [e.g 05015 for 15-Jan-2005].
 2. **Country** – Country in which location or camp is located.
 3. **Location** – Camp or location of sample.
 4. **Site** – Specific site where sample was collected (i.e. PX, building 51, etc.), if applicable.
 5. **Operation** – Name of operation ongoing in the area of the sample [e.g. Operation Iraqi Freedom (OIF), etc] if applicable.
 6. **Sample Date** – Date sample was collected (e.g. 01/15/05). (Sample Date should also be recorded on the sample label.)
 7. **Sample Time** – Time sample was taken (e.g. 16:00). (Sample Time should also be recorded on the sample label.)
 8. **Collecting Unit** – Unit collecting the sample (e.g. AML, 71st MEDDET, NEMPU2 etc).
 9. **Collector's Name** – The name of the person collecting the sample.
 10. **Collector's Phone No.** – The phone number of the person collecting the sample.
 11. **Collector's Email** – The email address of the person collecting the sample (e.g. john.doe@us.army.mil).
 12. **Percent of Personnel Exposed** – What percentage of servicemembers at the site could be exposed to the ambient air?
 13. **Exposure Duration** – How long are servicemembers expected to stay at the location where the sampling is being conducted?
 14. **Exposure Notes** – Any notes or comments related to servicemember's exposure to the sampled ambient air.
 15. **Calibrator ID** - Identification number of calibrator (e.g. serial number).
 16. **Calibration Date** – Date calibration of pump was conducted.
 17. **Pump ID** - Pump ID number, either MMCN number or serial number.
 18. **Flow Rate Pre (cc/min)** – Pre-sampling calibration sampler flow rate (For TO17 sample collected over an 8-hour period, the flow rate should be approximately 40 cc/min)
 19. **Calibration Notes** – Notes relating to calibration (e.g. unusual circumstance, etc)
[Note: The Sample ID, Pump ID, Start Date and Tube ID (if present on tube) should also be recorded on the sample label.]
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20. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample.
 21. **Tube ID** – Unique ID on tube, or tube ID (e.g. C3025) on shipping container.
 22. **Field Blank Tube ID** – ID of field blank associated with the particular sample. For a field blank sample this entry would be empty. Pre/Start Sampling
 23. **VOC Type** - S – Sample; FB – Field Blank; TB – Trip Blank
 24. **Rain (Yes/No)?** - Indicate whether or not it rained at the sample location during the sampling episode.
 25. **Geolocation** (Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil with Sample ID)
 - 27a. Latitude – Sample latitude location in decimal degrees [from GPS]
 - 27b. Longitude – Sample longitude location in decimal degrees [from GPS]
 - 27c. Datum - Datum from map or GPS used (e.g. WGS84, etc)
 - 27d. MGRS – Location in Military Grid Reference System (MGRS) from GPS, ten digit grid with grid square identifier. An MGRS is made up of 5 parts: 1) A zone, 2) latitude band, 3) MGRS square, 4) an easting, and 5) a northing (e.g. 34 T EN 12345 67890)
 26. **Sampling Site Graphic** – Any graphical or pictorial description of the sampling site. May include digital picture(s) of the sampling. Digital picture(s) should be sent to oehs@apg.amedd.army.mil with Sample ID.
 27. **Is Industry around sampling location?** Yes, No, Not Know (Select One). If yes, please explain in the “Notes” field (Items 22 or 32).
 28. **If Industry is present is it active?** Yes, No, Not Know (Select One)
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29. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample.
 30. **Date** – Date which the sampling episode was ended (e.g. 01/15/05). Post/End Sampling
 31. **Time** – Time which the sampling episode was ended (e.g. 16:00).
 32. **Post Flow Rate (cc/min)** – Flow reading obtained from calibrator after sampling, without adjusting the pump.
 33. **Sample Time** – Time pump operated (in minutes), from the pump's LCD. Obtained at the end of the sampling episode.
 34. **Invalid Sample** – Was the sample determined to be invalid? If so, why?
 - M – Missing Field Data – e.g. sample time, flow rates, etc
 - B – Battery Failure – battery failed during sampling episode.
 - F – Flow Differential –pre and post flow calibrations deviation was greater than 10%
 - T – Timer Malfunction –pump timer failed.
 - S – Sample Malfunction –other part of sampler failed, e.g. tubing, etc
 - D – Damage Sampling Media – sampling media was damage during shipment or sampling episode.